

AERO-TECH TANK INSTALLATION

1. Tank location: Locate the Aero-Tech Aerobic Wastewater Treatment Plant in an area that provides surface water run-off and good venilation. Do not locate the aerobic plant in low lying areas or where seasonal groundwater is high.
2. Excavation of site: Prepare the excavation hole that there is a minimum of six inches all around the tank. Do not over dig as this can cause more settling and shift the tank at a later time. The bottom of the tank should be dug level to allow sand fill to be added.
3. Additional two risers: Never bury the tank deeper than a depth that would require an additional two risers. Your Aero-Tech unit will come with one six inch riser attached from the factory. Never install the tank where more than 18 inches of total risers are required. If more than 18 inches of riser is required, install a lift station upstream of the unit to pump the effluent to the ATU at a normal grade. If a lift station is needed, contact Aero-Tech for sizing, location, and maximum flow and dosing requirements.
4. Level bottom w/ 6" of sand fill: Before installing the tanks, place at least 6" of compacted sand into the bottom of the hole. This is done to insure that no rocks or sharp objects come into contact with the bottom of the tank.
5. Lifting of tanks: Use the lifting eyes provided on the plant for placing the tanks into the excavation site. Never lift any of the tanks unless they are empty of all liquids. Always use a spreader bar and other devices that have been designed and tested by Aero-Tech.
6. Inlet connection: As the tank is being set, make sure the 4" PVC inlet is aligned with the outlet coming from the house.
7. Unit must be level: To insure proper functioning of the unit it must be level. To level the tank a 4' level should be placed over the access opening. The tank can be shifted to make sure that is level in all directions.
8. Fill tanks: Once all tanks are level and properly positioned, begin filling them with clean water. As the tanks are filling, periodically check for level and water tightness on the tank and all fittings.
9. Hook up 4" line. As the tanks are filling attach the 4" incoming line from the house to the pretreatment tank. The Aero-Tech unit must be attached to a properly vented and plumbed structure that meets all local and state plumbing codes.
10. Backfill in 6" lifts: While the tanks are filling with water, begin to fill the excavation site in six inch increments with material that will settle and compact around the unit. Tamp around the unit and use water as necessary to help settle the soil around the tank. Slope dirt so that all water run-off will flow from the installation.
11. Secure the access hatch by locking the tamper resistant latch.